Poster Presentations Day 1 @ Second Floor Lobby Area

Activity	Name	Title
Poster 01	Mrs. Rumeshika Perera	Smart GIS Analytics for Sustainable Water Quality Monitoring in the Upper Walawe Basin
Poster 02	Mrs. S. L. Rasmiya Begum	Evaluation of potential of plant residue based biocarrier for nitrogen and phosphorous removal using a mesocosm study
Poster 03	Mr. D. Yasotharan	Climate-Resilient Groundwater Management and Quality Adaptation Strategies in Manalkadu, Jaffna Peninsula, Sri Lanka
Poster 04	Mr. L. D. S. Jayasinghe	Non-Revenue Water (NRW) Control Strategies for Kandy Municipal Council Area: A Case Study of Galagedara Billing Area, Kandy, Sri Lanka
Poster 05	Mr. K. A. Chamila Prabhath	Degradation of Organic textile Dye using Graphene Oxide and Graphitic Carbon Nitride composite (GO/g-C_3N_4) as a Photocatalyst
Poster 06	Ms. S. H. U. Hansani	Rock–Water Interactions Driving Groundwater Composition in the Dry Zone, Sri Lanka: Identified by Inverse Modeling
Poster 07	Mr. K. V. V. Pathiratne	Greywater Reuse and Rooftop Harvesting for Sustainable Water management- Case Study in Kurunegala Municipal Area
Poster 08	Mrs. V. Lakshani Siriwardhana	Factors Influencing the Continuance Intention to Use E-Payments: Evidence from Utility Bill Payments During the COVID-19 Pandemic
Poster 09	Ms. Jinanjali Sumanasekara	Drought Analysis in Anuradhapura District using the Standardized Precipitation Index
Poster 10	Mr. M. D. A. Lakkitha	Geogenic Adverse Groundwater Quality: Challenges and Cost-Effective Treatment for Safe Water Supply

Poster Presentations Day 1 @ Second Floor Lobby Area

Activity	Name	Title
Poster 11	Ms. S. N. Kalaimathy	Developing a Policy Framework for Managing Microplastic Contamination in Drinking Water Supplies in Sri Lanka
Poster 12	Ms. R. M. N. K. Rajakaruna	Evaluation of Water Quality and Sanitation Practices in Commercial RO Filtration Units: A Year-Long Study in Anuradhapura Town, Sri Lanka.
Poster 13	Mr. H. N. Sulakshana	Spatial Variations of Sulphur Content and Algal Diversity : A Case Study of the Samanalawewa Dam Leakage Canal
Poster 14	Mr. G. W. J. V. Mahindarathna	Development of Water Quality Index for Mahaweli River
Poster 15	Mr. Md. Wahidul Islam Murad	Efficacy of Centralized Wastewater Treatment in Mitigating Urban River Pollution: Empirical Evidence from the Dasherkandi STP, Bangladesh
Poster 16	Prof. Dr. Anowara Begum	The Unseen World: Revealing the Microbial Dark Matter and Core Microbiome from a Chironomus spp. Contaminated Drinking Water Storage Tank
Poster 17	Mr. J. M. S. G. B. Navarathne	Detection of Microplastics Present in Water Samples Using Modified Graphene Oxide Quantum Dots
Poster 18	Ms. Shakuni Senevirathne	Algal Blooms in Drinking Water Supply Reservoirs
Poster 19	Ms. W. M. U. K. Kithulwatta	Comparative Study of TiO_2 and MnO_2 Nanoparticles for the Degradation of Methylene Blue in Water.
Poster 20	Mrs. T. Satheeskumar	Mining for Insights: An Evaluation of Association Rules for Household Water Perception Data

Poster Presentations Day 2 @ Second Floor Lobby Area

Activity	Name	Title
Poster 21	Mrs. W. R. A. C. Dishna Ranasinghe	Integrating Water Safety Planning for Enhanced Risk Characterization of Community-Based Water Supply Systems in Sri Lanka
Poster 22	Ms. Withanage Buddika Anusha Withana	Statistical Assessment of Water Safety Awareness and Hygiene Practices in Rural Communities: A Case Study of Bulathsinhala, Sri Lanka
Poster 23	Mr. H. M. M. Haleem	Domestic Water Consumption Patterns in Vavuniya Region
Poster 24	Mr. S. K. D. C. H. Korala	Towards Early Prediction of Saltwater Intrusion in the Nilwala River: A Machine Learning based Rainfall-Runoff Modelling Framework for Sustainable Water Management
Poster 25	Mr. K. A. K. R. M. Hemaweera	Assessing Asset Management Knowledge and Practices of a Community-Based Water Supply Organization
Poster 26	Mr. H. R. P. T. R. P. Bawantha	GIS-Based Soil Erosion Modelling for Smart Water Quality Monitoring in Maskeliya Oya – Kehelgamu Oya Watershed
Poster 27	Ms. W. S. Bowaddeniya	A Novel Fluorescence Screening Method for Microplastics in Drinking Water Using CdTe Quantum Dots
Poster 28	Mr. Mohomed Shayan	Impacts of Urban Land Use on River Water Quality, Antibiotic Resistance Genes, and Farmer Health Risks in Galle, Sri Lanka
Poster 29	Mr. Senthur. Sivasubramaniam	Effectiveness of Control Measure of Roughing Filter Plant under the Water Safety Plan Framework: A Case Study of the Point Pedro Water Supply Scheme
Poster 30	Mr. V. Mohan	Basic Assessment of Community Based Water Projects in Sri Lanka

Poster Presentations Day 2 @ Second Floor Lobby Area

Activity	Name	Title
Poster 31	Mr. Mohamed Aboobucker Hinamullah	Achieving "Excellent Qualitative Rating" for Water Safety Plans: Factors Limiting Performance of Sri Lankan Water Supply Schemes
Poster 32	Mr. Muhammad Ehteshamul Haque	Decoding Organic Matter Dynamics: UV_{254} Absorbance as a Cost-Effective Surrogate for TOC and COD Monitoring in Surface Water
Poster 33	Mr. Md. Wahidul Islam Murad	Risk Assessment of Water Supply System Safety Based on Water Safety Plan (WSP) Implementation in Dhaka City, Bangladesh
Poster 34	Mr. R. M. A. Priyanandana	Experimental Optimisation of Sodium Hydroxide Dosing for Chemical Softening of Bohitiya Borehole Water: Effects on pH, Hardness and Overall Water Quality
Poster 35	Mrs. M. P. G. S. Gunaratne	Success and Challenges in Water Safety Plan Auditing
Poster 36	Dr. Pavla Svermova	Sustainable Socio-economic Impact of the HCH Water Treatment Technology Wetland+®
Poster 37	Mr. H. D. Jayathilake	Smart and Sustainable Dissolved Oxygen Monitoring in Meda Ela: A Case Study for Data-Driven Water Quality Management
Poster 38	Ms. Kushlani Pathirana	Regulation of Selective Layer Thickness by Spin Acceleration in Thin Film Nano composite Membranes: Experimental Verification and Theoretical Insight
Poster 39	Mr. H. W. Gunawardhena	Ensuring Climate Resilient Water Supply through Prioritized Areas in Water Safety Plan Auditing
Poster 40	Mr. Khwaja Mir Tamim Haqdad	Canopy Elevation Controls on Rainfall Partitioning and Soil Erosion: Implications for Water Safety Plans